OIML Member State Denmark	**OIML Certificate No.** **R76/2006-A-DK2-2020.05**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name:	**FORCE Certification A/S**
Address:	Park Allé 345, 2605 Brøndby, Denmark
Person responsible:	Leif Madsen

Applicant

Name:	**Elicom Electronic – Georgiev KD**
Address:	Ul. Kapitan Krystev 3, Silistra 7500, BULGARIA

Manufacturer   **Elicom Electronic – Georgiev KD**

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Si10S CS / Si30S CS

Designation of the module *(if applicable)*

Non-automatic electronic weighing instrument

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76-1, Edition (year): 2006

For accuracy class (if applicable)**: III**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML reports:

Type examination report: No. DANAK-1918604, dated 24 November 2020, that includes 69 pages

Type evaluation report: No. 120-24772.90.10, dated xx March 2020, that includes 20 pages

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The technical documentation relating to the identified type is contained in documentation file:

117-26706

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	23 June 2020	-

Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 23 June 2020

Jens Hovgård Jensen
Certification Manager

Important note:	Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Descriptive annex

Characteristics

Type:	Si10S CS / Si30S CS
Accuracy class:	III
Weighing range:	Single interval, multi interval (2 intervals)
Maximum number of Verification	
Scale Intervals:	≤ 3000 or 2x3000
Maximum capacity:	0.6 kg to 15 000 kg
Minimum capacity:	$20 \times e_i$
Maximum tare effect:	≤ -Max
Verification scale interval (e=):	≥ 0.1 g
Power supply:	12 VDC supplied by external 100-240 VAC/DC adapter
	Internal 7.4 V rechargeable battery
Operational temperature:	-10 °C to +40 °C

Specification for EWI analog data processing module included in the hanging scale:

Fractional factor:	$p'i = 0.5$
Minimum input voltage per VSI:	0.3 µV
Excitation voltage:	5 VDC
Circuit for remote sense:	Present using 6-wire connection
Minimum input impedance:	58 Ohm
Maximum input impedance:	1200 Ohm

Software

The software version is displayed during power up.
The software consists of two parts, one for the terminal part and one for the EWI analog data processing module.

The software version number for the terminal is: A1.xxxx
and for the EWI analog data processing module is: E1.xxxx,
where xxxx represents non-legal parts in the software.

Load cell

The load cell used shall have an OIML certificate of conformity according to OIML R60:2017 or OIML R60:2000 and shall fulfil the requirements in OIML R76-1:2006 annex F.

Devices

- Initial zero setting device ($\leq$ 20% of Max)
- Semi-automatic zero setting device ($\leq$ 4% of Max)
- Zero tracking device ($\leq$ 4% of Max)
- Semi-automatic subtractive tare balancing device
- Preset tare device
- Automatic tare device
- Totalization (optional)
- Price-computing (optional and only Si30S CS)
- Weighing of unstable samples (optional)
- Extended resolution (optional for non price-computing scales)
- Determination stability of equilibrium
- Gravity compensation device
- Real time clock
- Printing device
- Alibi memory (optional)
- Stable equilibrium, Zero, Net indicators.
- Built-in printer (optional)

Interfaces

- RS232 (optional)
- RS485 (optional)
- Bluetooth (optional)
- WiFi (optional)
- USB (optional)
- Ethernet (optional)
- Relay output module (optional)
- Analog output module, 0-20mA / 4-20mA / 0-10Vdc (optional)

Si10S CS-S

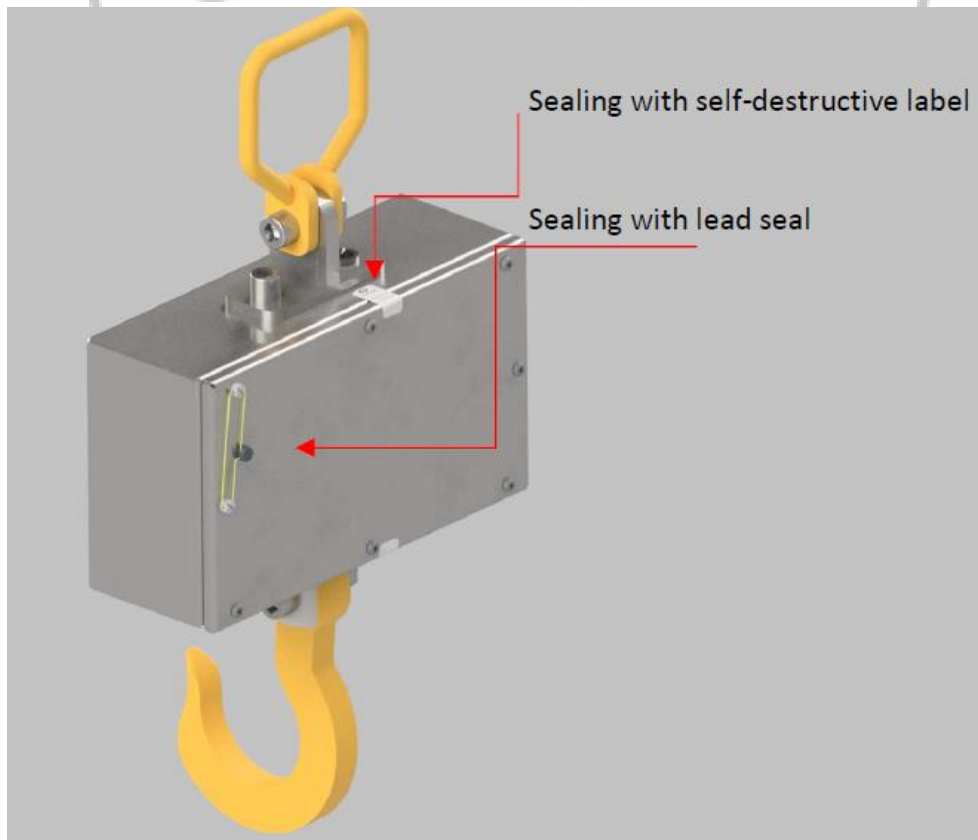**Si30S CS-S**

Si10S CS-M
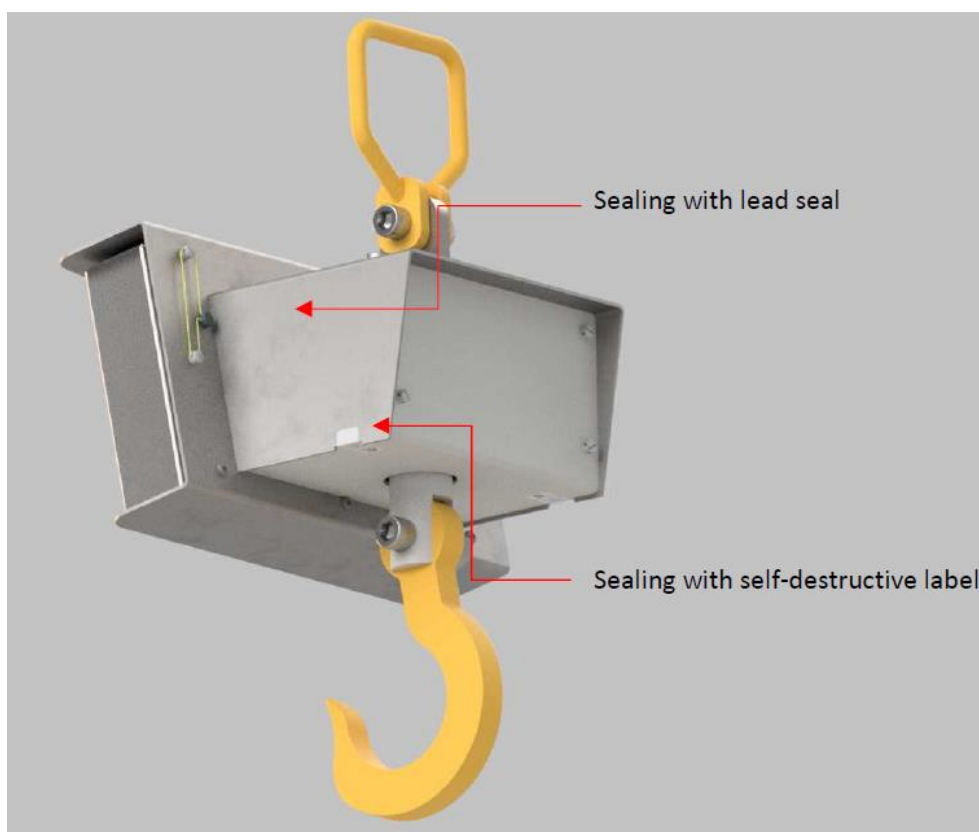

Si30S CS-M

Si10S CS-L   **Si30S CS-L**

Sealing with self-destructive label

Sealing with lead seal

Sealing of crane scale CS-S

Sealing of crane scale CS-M

Sealing of crane scale CS-L